Question Paper
ANMC Mock Test Class 7 - Fractions (Paper 4)

Exam ID : TEST/2024/01/05135056 Report Generation Date : 3/26/2024 3:01:46 PM

Q1: Express 2/3 of 1/4 of Rs.25 as a fraction of 1 1/4 of Rs. 36

A: 5/54

B: 5/24

C: 26/5

D: 5/36

Answer: A

Q2: Sam travels 330 km on three-fifths of his petrol tank. How far would he travel at the same rate with a full tank of petrol?

A: 550 km

B: 580 km

C: 520 km

D: 560 km

Answer: A

Q3: 1/6 of a number equals (2/5) ÷ (1/20). What is the number?

A: 42

B: 50

C: 48

D: 54

Answer: C

Q4: Evaluate the following: 5 1/4 ÷ (27)(1/3) - 7 3/4

A: 6

B: -6

C: 4

D: -4

Answer: B

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Q5: Sanika and Rita want to make dresses for their dolls. Sanika has 7/8 m of cloth, and she gave 1/3 of it to Rita. How much did Rita have?

A: 7/24 m

B: 13/24 m

C: 5/24 m

D: 11/24 m

Answer: A

Q6: A man gave 2/9 of his salary for rent and 1/5 of the remaining for the grocery bills. Find the amount of money still left with the man, if his salary was Rs. 90000.

A: Rs. 56200

B: Rs. 56000

C: Rs. 56500

D: Rs. 56600

Answer: B

Q7: 15 1/6 + 15 1/3 + 15 1/2 =?

A: 46 1/4

B: 46 1/3

C: 46

D: 46 1/6

Answer: C

Q8: If a fraction’s denominator is decreased by 60% and numerator is increased by 150%, the fraction becomes 10/13. What is the fraction?

A: 9/65

B: 7/65

C: 11/65

D: 8/65

Answer: D

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Q9: Solve: 23 1/3 × 12 3/5

A: 292

B: 276

C: 286

D: 294

Answer: D

Q10: In a town of 52500 members, 3/5 of the members are male members. Find the number of female members.

A: 21050

B: 21000

C: 21250

D: 21500

Answer: B

Q11: A student was asked to multiply a number by 2/5. Instead, he divided it with 2/5 and got an answer 126 more than the correct answer. Find the number.

A: 56

B: 62

C: 60

D: 58

Answer: C

Q12: In a fraction the numerator is 5 less than the denominator. If six is added to the denominator the denominator of the resultant fraction is double the numerator. Find the fraction.

A: 13/18

B: 8/13

C: 12/17

D: 11/16

Answer: D

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Q13: Solve: 18 1/3 × 20 2/5 × 3 3/22

A: 1172

B: 1173

C: 1175

D: 1177

Answer: B

Q14: 8 1/3 + 9 1/4 – 6 1/2 =?

A: 131/12

B: 137/12

C: 139/12

D: 133/12

Answer: D

Q15: Find the value of: [1/(12 3/5)] – [1/(6 3/10)] + [1/(7 7/8)]

A: 1/22

B: 1/18

C: 1/21

D: 1/20

Answer: C

Q16: A student was asked to multiply a number by 16/9 but he multiplied it with 9/16 and got an answer 175 less than the correct answer. Find the number.

A: 142

B: 144

C: 154

D: 156

Answer: B

Q17: 2/7 part of tank is full of water. Another 1400 liters of water is required to completely fill the tank. The capacity of the tank is?

A: 1900 liters

B: 1950 liters

C: 1960 liters

D: 1980 liters

Answer: C

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Q18: In a class of 60 students, one day 1/5 of the students were absent. Find the number of present students on that day.

A: 48

B: 52

C: 50

D: 45

Answer: A

Q19: In a class of 55 students, one day 1/5 of the students were absent. Find the number of present students on that day.

A: 40

B: 42

C: 44

D: 45

Answer: C

Q20: 24 1/3 + 9 1/3 – 13 1/3 – 2/3 = ?

A: 59/3

B: 55/3

C: 56/3

D: 52/3

Answer: A

Q21: A student was asked to multiply a number by 9/14 but he multiplied it with 14/9 and got an answer 57.5 more than the correct answer. Find the number.

A: 63

B: 59

C: 57

D: 65

Answer: A

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Q22: Find the value of: 2/(10 1/5) – 2/(8 3/6) + 2/(7 2/7)

A: 5/17

B: 4/17

C: 2/17

D: 9/17

Answer: B

Q23: What is the square of product of 12/30 and 60/33?

A: 49/100

B: 64/121

C: 81/121

D: 36/100

Answer: B

Q24: If a fraction’s denominator is decreased by 40% and numerator is increased by 40%, the fraction becomes 28/15. What is the fraction?

A: 2/5

B: 3/5

C: 4/5

D: 1/5

Answer: C

Q25: 34 1/7 + 34 2/7 + 34 4/7 = ?

A: 102

B: 104

C: 105

D: 103

Answer: D

Q26: How many 3/2 kg pieces can be cut from a cake of weight 102 kg?

A: 62

B: 64

C: 68

D: 66

Answer: C

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Q27: If 16x + 3y = 50 and 2x = y then x =?

A: 20/11

B: 23/13

C: 25/11

D: 22/13

Answer: C

Q28: Solve: 56 2/3 × 8 2/5

A: 472

B: 476

C: 470

D: 478

Answer: B

Q29: A number is multiplied by its one-fourth to get 1/36. Find the number.

A: 1/4

B: 1/6

C: 1/3

D: 1/5

Answer: C

Q30: If 15x – 4y = 26 and 3x = y, then x =?

A: 20/3

B: 26/3

C: 25/3

D: 22/3

Answer: B